

***IN THE UNITED STATES PATENT AND TRADEMARK OFFICE***

Applicant: Daniel W. van der Weide, et al.  
Title: DIRECT RADIO-FREQUENCY DETECTION OF NUCLEOTIDE  
HYBRIDIZATION AT MICROELECTRODES  
Appl. No.: Unknown  
Filing Date: October 27, 2003  
Examiner: Unknown  
Art Unit: Unknown

**UTILITY PATENT APPLICATION**  
**TRANSMITTAL**

Mail Stop PATENT APPLICATION  
Commissioner for Patents  
PO Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Daniel W. van der Weide

Madison, Wisconsin

Robert J. Hamers

Madison, Wisconsin

John R. Peck

Madison, Wisconsin

Wei Cai

Shanghai, China

☒ Applicant claims small entity status under 37 CFR 1.27.

Enclosed are:

☒ Specification, Claim(s), and Abstract (19 pages).

☒ Formal drawings (4 sheets, Figures 1,2,3,4,5,6,7,8).

☒ Executed Declaration and Power of Attorney (6 pages).

☒ Information Disclosure Statement.

☒ Form PTO-1449 with copies of 3 listed reference(s).

☒ Application Data Sheet (37 CFR 1.76).

The filing fee is calculated below:

	Claims as Filed		Included in Basic Fee		Extra Claims		Rate	Fee Totals
Basic Fee							\$770.00	\$770.00
Total	20	-	20	=	0	x	\$18.00	\$0.00
Claims:								
Independ	3	-	3	=	0	x	\$86.00	\$0.00
ents:								
If any Multiple Dependent Claim(s) present:						+	\$290.00	\$0.00
							SUBTOTAL:	\$770.00
<input checked="" type="checkbox"/> Small Entity Fees Apply (subtract ½ of above):								\$385.00
							TOTAL FILING FEE:	\$385.00

☒ A check in the amount of \$385.00 to cover the filing fee is enclosed.

☐ The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.

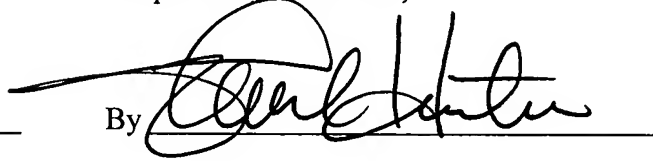
☒ The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-2350. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-2350.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date October 27, 2003

By

A handwritten signature in black ink, appearing to read "Paul S. Hunter", written over a horizontal line.

FOLEY & LARDNER

Customer Number: 23524

Telephone: (608) 258-4292

Facsimile: (608) 258-4258

Paul S. Hunter

Attorney for Applicant

Registration No. 44,787

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Daniel van der Weide, et al.

Title: DIRECT RADIO-FREQUENCY DETECTION OF NUCLEOTIDE HYBRIDIZATION  
AT MICROELECTRODES

Filing Date: October 27, 2003

**MAIL STOP PATENT APPLICATION**

Commissioner for Patents

PO Box 1450

Alexandria, Virginia 22313-1450

"Express Mail" Mailing Label No.: EV 237871156 US

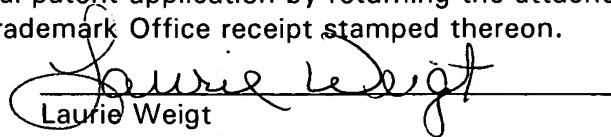
Date of Deposit: October 27, 2003

I hereby certify that these attached documents

- \* U.S. Patent Application Transmittal (3 pages) (duplicate)
- \* U.S. Patent Application (23 pages), Specification (13 pages),  
Claims (5 pages), Drawings (4 pages) Abstract (1 page)
- \* Four (4) Sheets of Formal Drawings
- \* Executed Declaration and Power of Attorney (5 pages)
- \* Information Disclosure Statement (2 pages)
- \* Form PTO 1449 (1 pages)
- \* Three (3) Cited References
- \* Application Data Sheet (6 pages)
- \* Check No.: 33795 for \$385.00
- \* Return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to Mail Stop PATENT APPLICATION, Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450.

Enclosed for filing please find the above-referenced provisional patent application. Please indicate receipt of this provisional patent application by returning the attached postcard with the official Patent and Trademark Office receipt stamped thereon.

  
Laurie Weigt  
Foley & Lardner  
P. O. Box 1497  
Madison, Wisconsin 53701-1497  
(608) 258-4243